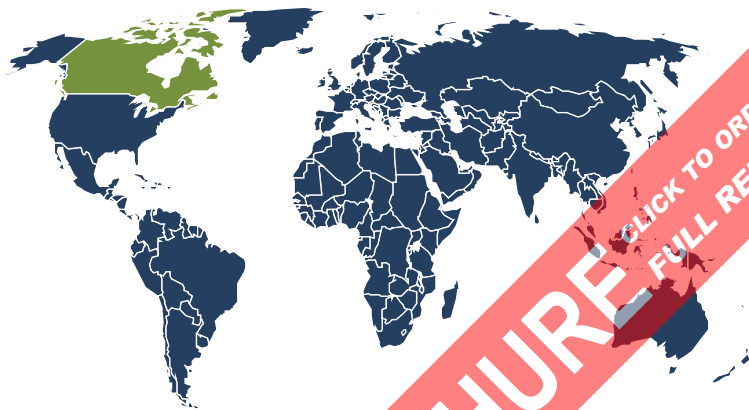


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Automotive Lubricants: Canada

February 2018



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About This Report

Scope & Method

This report forecasts to 2021 automotive lubricant demand in metric tons in Canada. Total demand is segmented by product in terms of:

- engine oils
- transmission and hydraulic fluids
- gear oils and greases

Total demand is also segmented by market as follows:

- light vehicles
- medium and heavy trucks and buses
- off-highway equipment
- other markets such as motorized two- and three-wheelers, recreational vehicles, and outdoor power equipment

To illustrate historical trends, total demand and the various segments are reported at five-year intervals for 2006, 2011, and 2016.

Industrial lubricants – including engine oils, hydraulic fluids, gear oils, and greases used in industrial applications – are excluded from this report. The agriculture, construction, mining, and forestry industries all utilize both automotive and industrial lubricants. This report only includes lubricants utilized in the motor vehicle applications in those industries, and those lubricants are classified together under the off-highway equipment market.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Automotive Lubricants: Canada (FA35115) is based on *Automotive Lubricants Market in Canada*, a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 5 | Industry Codes Related to Automotive Lubricants

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
324110	Petroleum Refineries	2869	Industrial Organic Chemicals, NEC
324191	Petroleum Lubricating Oil and Grease Mfg	2899	Chemicals and Chemical Preparations, NEC
325199	All Other Basic Organic Chemical Mfg	2911	Petroleum Refining
325998	All Other Miscellaneous Chemical Product and Preparation Mfg	2992	Lubricating Oils and Greases

Source: US Census Bureau

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Resources

The Freedonia Group

Automotive Lubricants Market in Canada, February 2018

Freedonia Industry Studies

Automotive Lubricants Market in India, February 2018

Automotive Lubricants Market in Malaysia, January 2018

Automotive Lubricants Market in the UK, January 2018

Global Automotive Lubricants, December 2017

Global Power Lawn & Garden Equipment, December 2017

Global Construction Machinery, August 2017

Global Bus Market, May 2017

Power Lawn & Garden Equipment Market in the US, February 2017

Global Diesel Engine Market, January 2017

Synthetic Lubricants & Functional Fluids Market in the US, January 2017

World Motorcycles, October 2016

Lubricants, April 2016

World Agricultural Equipment, April 2016

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Forestry Equipment: Canada

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Global Light Vehicles

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Power Lawn & Garden Equipment: Canada

Power Transmission Components: United States

Refined Petroleum Products: United States

World Diesel Engines

World Motorcycles

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Trade Publications

Lube Report

Lubes 'n' Greases

2017-2018 Lubricants Industry Factbook (and earlier editions)

National Oil & Lube News

Petrosil Base Oil Report

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American Petroleum Institute

ASTM International

Bureau of Transportation Statistics

Independent Lubricant Manufacturers Association

International Lubricants Standardization and Approval Committee

Natural Resources Canada

Organisation for Economic Co-operation and Development

Statistics Canada

United States Department of Agriculture

World Bank